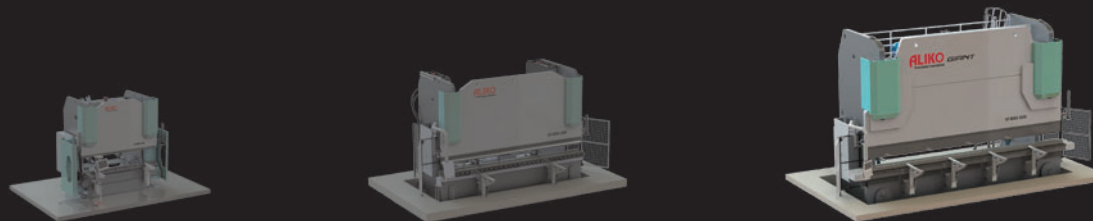


GIANT

New generation of ALIKO Giant press brakes provides you the best result for any challenge. The sky is the limit with the ALIKO Giant: 4-14 meter bending length and 1000-4000 tons bending force.

The new design pays special attention to upper and lower beam crowning and a new type of frame structure to gain a good bended end product. It is also possible to produce all Aliko press brakes in tandem version.



F-sarja 220-500 tn

Heavy Duty 500-750 tn

Giant 1000-4000 tn

Pressing force

HYDRAULIC SYSTEM

In Finland designed and high quality components assembled hydraulic system is efficient and trouble-free

LIGHTNING SYSTEM

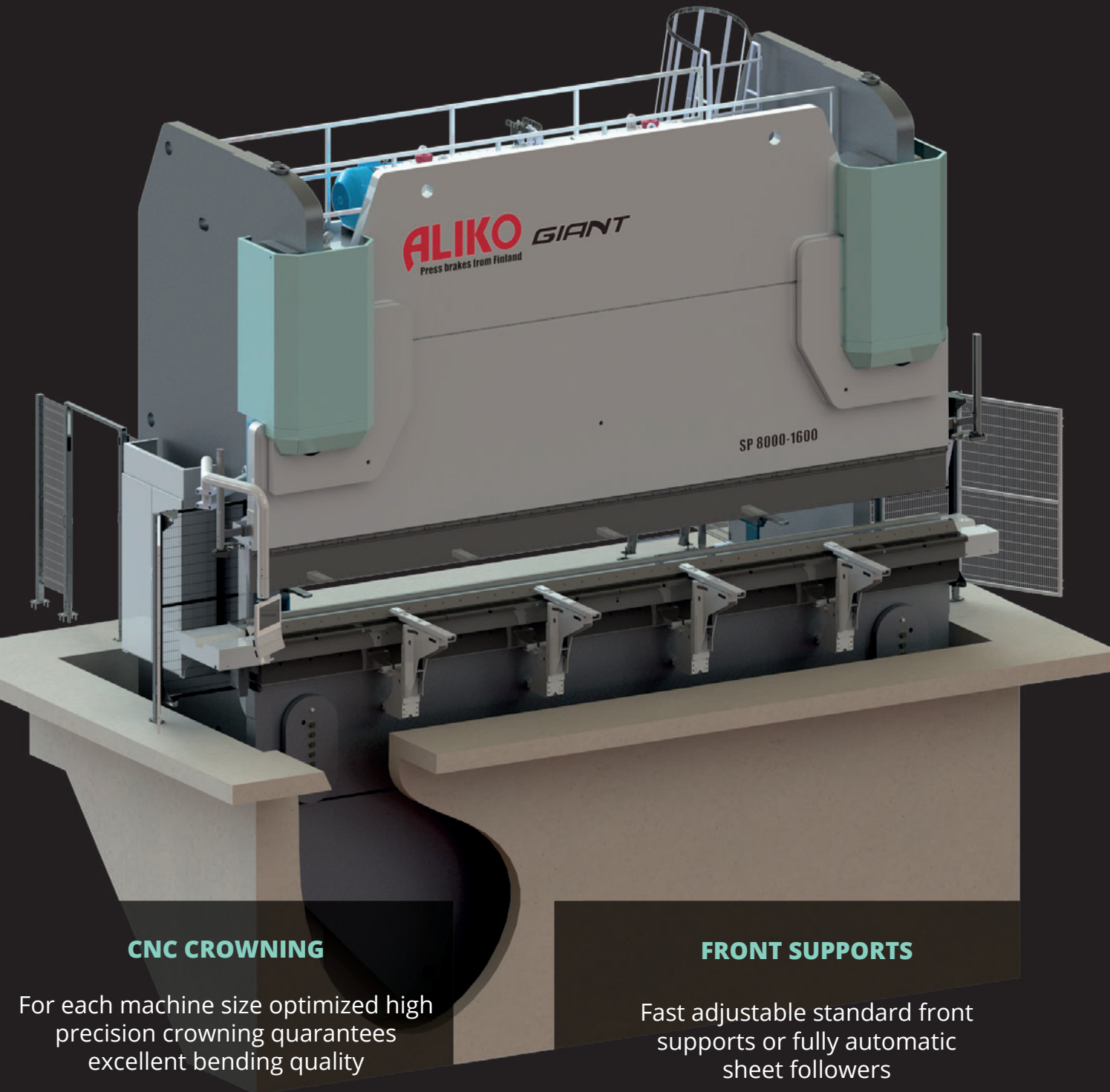
Modern LED lightning system installed on the back and front side of machine

CONTROL SYSTEM

The powerful Cybelec Visitouch 19 control makes operator's work easier

FRAME DEFLECTION COMPENSATION

Real time measuring system between upper and lower beam



ECO MODE

Hydraulic system uses power only when it is needed

LASER SAFETYSYSTEM

Lazersafe safety system increases machine productivity and safety

TOOL FASTENING SYSTEMS

Fast and long-living tool fastening solutions ensure machine productivity

BACK GAUGE SYSTEM

2-,4-,5- or 6-axis high performance back gauge systems are fast and accurate

CNC CROWNING

For each machine size optimized high precision crowning quarantees excellent bending quality

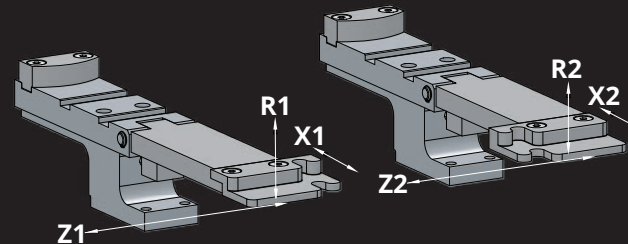
FRONT SUPPORTS

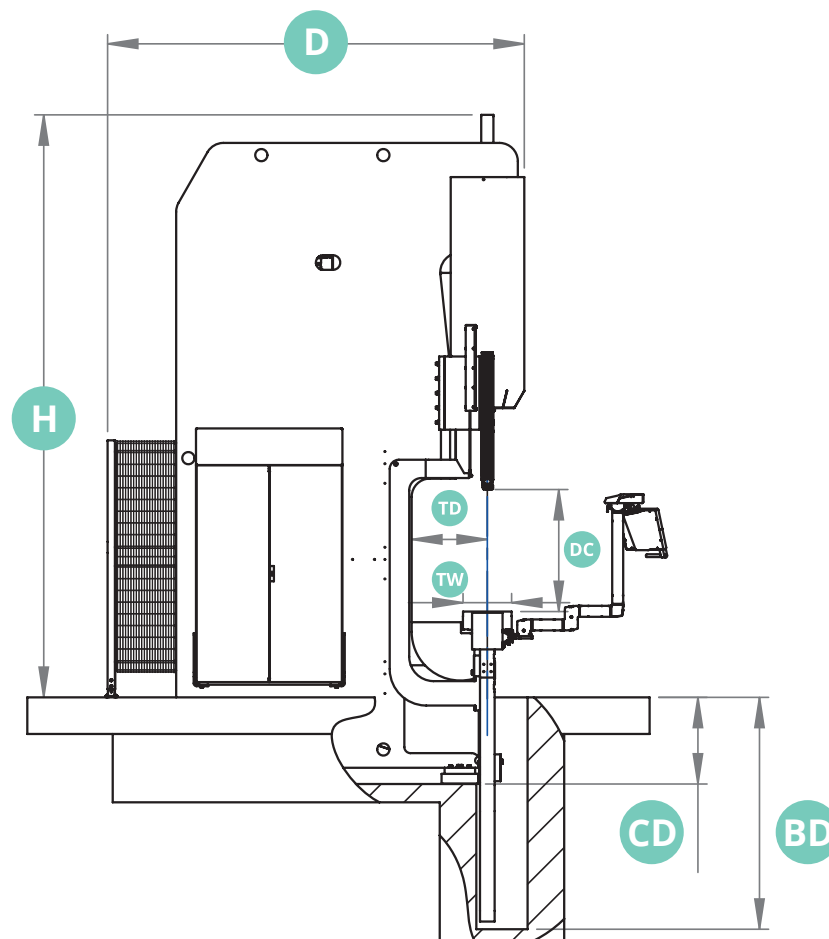
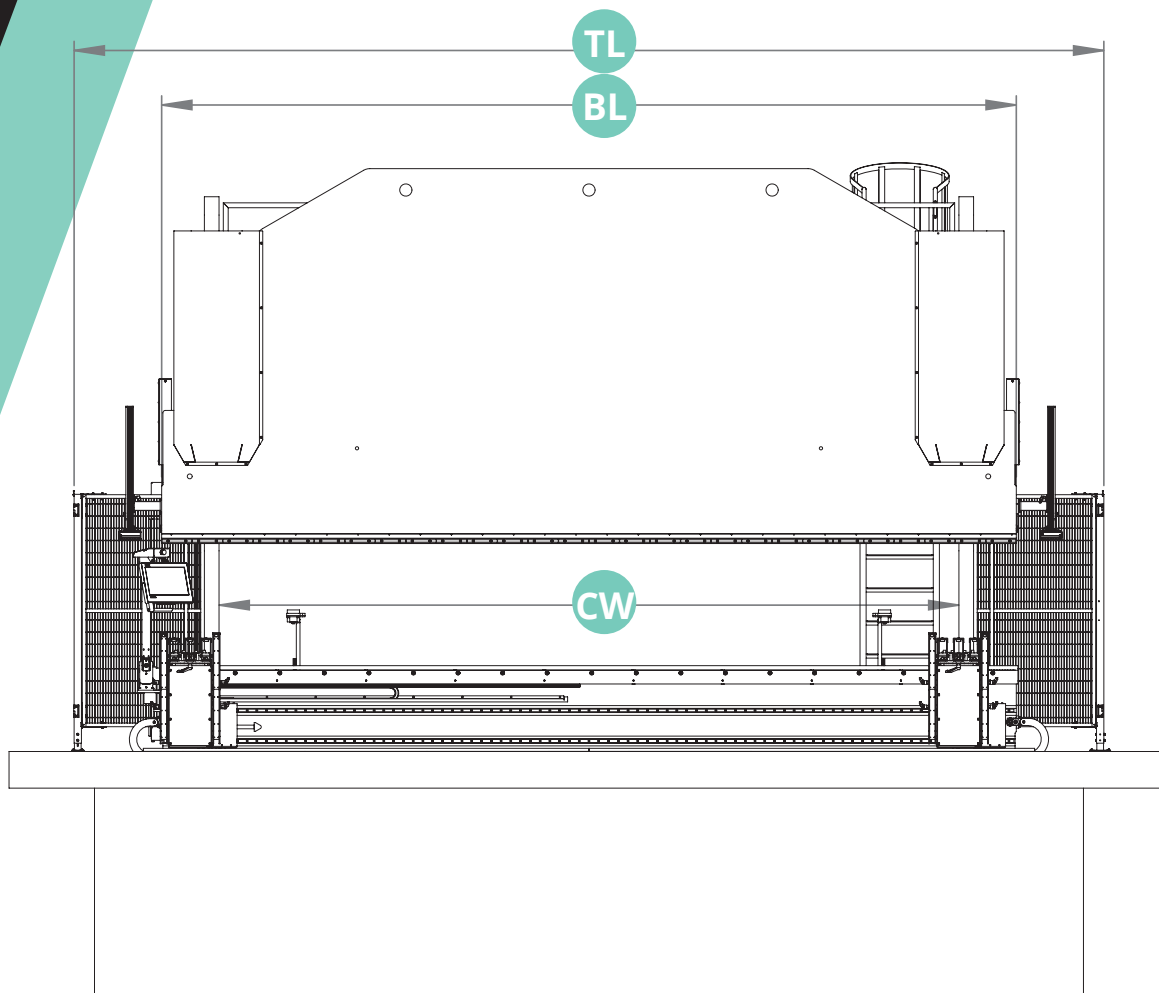
Fast adjustable standard front supports or fully automatic sheet followers

TECHNICAL SPECIFICATION - GIANT

		SP4200-1000	SP7000-1000	SP6000-1400	SP8000-1600	SP10000-2000	SP12000-2000	SP14000-2500	
Pressing force		10000	10000	14000	16000	20000	20000	25000	kN
Bending length	BL	4200	7000	6000	8000	10000	12000	14000	mm
Total length	TL	5700	8500	7940	9500	11500	13500	15500	mm
Width	D	4200	4200	4400	4400	4600	4600	4600	mm
Height	H	5200	5200	4600	4820	4820	7640	7640	mm
Distance between side frames	CW	3270	6070	6320	6665	8500	10500	12500	mm
Stroke		500	500	500	500	600	600	600	mm
Open height	DC	1000	1000	1000	1000	1100	1100	1100	mm
Throat depth	TD	620	620	500	620	620	620	620	mm
Table width	T	400	400	500	500	500	500	500	mm
Y-axis accuracy		0,01	0,01	0,01	0,01	0,01	0,01	0,01	mm
Y-axis speed, max		90	90	80	80	70	70	70	mm/s
Y-axis working speed, max		1-10	1-10	1-10	1-10	1-10	1-10	1-10	mm/s
Y-axis return speed, max		80	80	80	80	70	70	70	mm/s
Oil capacity		600	800	800	1000	1200	1600	2000	l
Weight		65	95	135	155	235	285	320	tn
Main motor power		75	75	90	90	150	150	150	kW
Side frame underfloor	CD	730	730	795	795	1050	1050	1050	mm
Lower beam underfloor	BD	1200	2500	2500	3200	3500	4000	4690	mm

Back gauge	2-axis	4-axis	6-axis	
X-axis travel	1000	1000	1000	mm
X-axis positioning, max	1100	1100	1500	mm
X-axis speed, max	750	750	550	mm/s
X-axis accuracy	0,05	0,05	0,05	mm
R-axis travel	300	300	300	mm
R-axis speed, max	200	200	200	mm/s
R-axis accuracy	01	0,1	0,1	mm
Z-axis speed, max	0	650	650	mm/s
Z-axis accuracy	0,5	0,5	0,2	mm/s





Bending length **BL** F-Series 3000-4200 mm | Heavy Duty 4200-10 000 mm | Giant 4200-14 000 mm

Pressing force F-Series 220-500 tn | Heavy Duty 500-750 tn | Giant 1000-4000 tn

Stroke F-Series 250-400 mm | Heavy Duty 300-600 mm | Giant 500-600 mm

All technical specifications of Aliko press brakes can be modified according to customers needs.